

# DRINKING WATER WARNING

## Solvay Chemicals Public Water System has High Turbidity Levels

### BOIL YOUR WATER FOR THREE MINUTES BEFORE USING

We routinely monitor your water for turbidity (cloudiness). This tells us whether we are effectively filtering the water supply. Due to a recent extreme rainfall event, turbidity levels in the Green River, our source water, are very high. A water sample from our public water system, taken on Saturday night, May 7, 2016, exceeded the turbidity level of 5 turbidity units and a water sample taken on Monday, May 9, 2016, had a turbidity level of 40 turbidity units. These are above the turbidity standard for systems with alternative filtration. Because of these high levels of turbidity, there is an increased chance that the water may contain disease-causing organisms.

#### What should I do? What does this mean?

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring all water to a rolling boil for at least three minutes and let it cool before using or use bottled water. Boiled or bottled water should be used for drinking, making ice, food preparation, washing dishes and brushing teeth **until further notice**. Boiling kills bacteria and other organisms in the water. **ALL STORED WATER, DRINK OR ICE MADE RECENTLY FROM THIS SUPPLY SHALL BE DISCARDED.**
- *Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea and associated headaches.* These organisms may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems. These people should seek advice about drinking water from their health care providers.
- The symptoms above are not caused only by organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### What is being done?

- **We are providing bottled water for drinking, food preparation, brushing teeth, etc. Bottled water can be obtained in the Mine Rescue Room.**
- We have put "Do Not Use" tags on all faucets and drinking fountains at the plant.
- We will flush and disinfect the water distribution and storage tanks once the turbidity level drops.
- We will monitor the treated water for the presence of total coliform bacteria and chlorine residual prior to resuming service to users.
- We will inform you when you no longer need to boil your water.

For more information, please contact Tim Brown, by phone at (307) 872-6570, or by mail at Solvay Soda Ash Joint Venture, P.O. Box 1167, Green River, Wyoming 82935.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.*

This notice is being sent to you by the Solvay Chemicals Public Water System.  
PWS ID# 5600914. Date distributed: 5/12/2016.

## ATTENTION: PWS Operator/Responsible Party

You must provide public notice to persons served as soon as practical but within 24 hours after you learn of the violation or loss of pressure (141.202(b)). During this time, you must also contact your primacy agency. You should also coordinate with your local health department. This public notice shall be posted in conspicuous locations throughout the area served by the water system and hand delivered to persons served by the water system. You must use one or more of the following methods to deliver notice to consumers (141.202(c)):

- Radio
- Television
- Hand or direct delivery (including email)
- Posting in conspicuous locations

You may need to use additional methods (e.g., newspaper, delivery of multiple copies to hospitals, clinics, or apartment buildings), since notice must be provided in a manner reasonably calculated to reach all persons served.

The notice on the reverse is appropriate for hand delivery or a newspaper notice. However, you may wish to modify it before using it for a radio or TV notice. If you do, you must still include all required elements and leave the health effects language in italics unchanged. This language is mandatory (141.205(d)). If you post or hand deliver, print your notice on letterhead, if possible.

### Population Served

Make sure it is clear who is served by your water system - you may need to list the areas you serve.

### After Issuing the Notice

It is recommended that you notify health professionals in the area of the violation. People may call their doctors with questions about how the violation may affect their health, and the doctors should have the information they need to respond appropriately. In addition, health professionals, including dentists, use tap water during their procedures and need to know of contamination so they can use bottled water.

**Make sure to send your primacy agency a copy of each type of notice and a certification that you have met all the public notice requirements within ten days after issuing the notice (141.31(d)).**

Please send a copy of your notice and dates posted to:

Jill Minter  
US EPA Region 8 (8ENF-W)  
1595 Wynkoop Street  
Denver, CO 80202-1129  
Email: [minter.jill@epa.gov](mailto:minter.jill@epa.gov). Fax: 303-312-7518

### **Certification of Public Notification**

I Melissa J. Ellerbeck certify that the attached public notification was issued from  
(PWS Operator / Responsible Party)

5/12/2016 to \_\_\_\_\_  
(Date) (Date)

The attached notice was issued by posting at main employee entrance  
(Method of delivery)

Signature Melissa J. Ellerbeck Date \_\_\_\_\_